

Atty. Docket No: BAO TONG-101

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Honorable Commissioner of Patents and Trademarks Washington, D.C. 20231

Sir:

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Transmitted herewith for filing is the ( x ) utility, ( ) design, ( plant patent application of:

INVENTOR:

Songlin Zhuang et al

FOR: LIQUID CRYSTAL BASED OPTICAL SWITCH UTILIZING DIFFRACTION

Enclosed are:

(x) 15 pages of specification

(X) Abstract

(x) Oath or Declaration

(X) Power of Attorney

- (x) 4 pages of (x) Formal () Informal Drawings.
- ( ) An assignment of the application to:
- ( ) Preliminary Amendment

( ) Information Disclosure

Statement

( ) Oath or Declaration

( ) Power of Attorney

- ( ) Associate Power of Attorney (X) Verified Statement under 37 CFR 1.9 and 1.27 claiming small entity
- ( ) Petition for One-Month Extension of Time

The filing fee is calculated as follows:

CLAIMS AS FILED							
FOR	NUMBER	NUMBER	RATE		AMOUNT		
	FILED	EXTRA	LARGE	SMALL			
BASIC FEE		•	#710 00	\$355.00	\$	355.00	
Utility	XXXXX	xxxxx	\$710.00	\$333.00	<u> </u>		
Design	xxxxx	xxxxx	\$320.00	\$160.00	\$	00.00	
Plant	xxxxx	xxxxx	\$490.00	\$245.00	\$	00.00	
Total Claim	ıs 16 - 20		x \$18.00	x \$ 9.00	\$	00.00	ï
Independent Claims			x \$80.00	x \$ 40.00	\$	00.00	
Multiple De	pendency		\$270.00	\$135.00	\$	00.00	
Late Fee Su			\$130.00	\$ 65.00	\$	00.00	

Non-English Language Fee	\$130.00	\$ 00.00
Assignment Recording Fee	\$ 40.00 \$ 40.	00 \$ 00.00
	TOTAL	\$355.00
(X) A check in the amount of \$355.0 enclosed.	00 to cover the fili	ng fee is
( ) A check in the amount of \$40.00 Assignment Recording Fee is er	to cover the cost	of the
( ) This application is filed under and does not include:	the provisions of	37 CFR 1.53,
( ) Oath or Declaration ( ) Filing Fee	on	
(X) The Commissioner is hereby at following fees or credit any 20-0449. A duplicate copy of	overpayment to Depo	sit Account No.
<ul><li>(x) Any additional filt</li><li>(x) Any patent applicate</li><li>( ) The Issue Fee set the Notice of Allow</li></ul>	tion processing fees	under 37 CFR 1.17 before mailing of
( ) Priority is claimed under 3	5 USC 119 based on t	the following:
Serial No.	Date Filed	Country
	ony (conido) and los	
Date: $\frac{9}{26/0}$ ADDR	Reg. 1 ESS: 65 At	t K. Tendler No: 24,581 lantic Avenue n, MA 02110

TELEPHONE: FAX:

(617) 723-7268 (617) 723-7186 IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Songlin Zhuang et al

Express Mail Label No:

EL797751769US

Date of Deposit:  $\frac{9/26/01}{}$ 

Filed: On Even Date Herewith

For: LIQUID CRYSTAL BASED OPTICAL SWITCH UTILIZING DIFFRACTION

PATENT APPLICATION AND CERTIFICATE OF MAILING

Honorable Commissioner U.S. Patent and Trademark Office Washington, D.C. 20231

Sir:

Pursuant to the provisions of 35 U.S.C. 21(a) as amended by Public Law 97-247 and 37 C.F.R. 1.10, the above-identified Applicant encloses for filing the attached Patent Application SWITCH UTILIZING OPTICAL BASED CRYSTAL LIQUID entitled \_15 application includes sheets DIFFRACTION. This specification, 4 sheets of formal drawings and a check in the amount of \$355.00 to cover the filing fee.

This Application is being filed on  $\frac{9/26/0}{}$ mailing an application to Commissioner of Patents and Trademarks, Box New Applications, Washington D.C. 20231, via the United States The Express Mail Label Postal Service under 37 C.F.R. 1.10. number appears in the heading of this paper which is attached to the Application papers pursuant to 37 C.F.R. 1.10(b).

All correspondence concerning this Application should be sent to:

Robert K. Tendler 65 Atlantic Avenue Boston, MA 02110 (617) 723-7268

> Robert K. Tendler Reg. No. 24,581

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65 Atlantic Avenue
Boston, MA 02110
Date: 4 26 0

CERTIFICATE OF MAILING

"Express Mail" Mailing Label No: EL797751769US

Date of Deposit: 4 26/01

I hereby certify that this paper, fee and attachments are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Box New Applications, Washington D.C. 20231.

Dated: 9 26 6

R**#**bert K. Tendl**er**